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NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS 28	Mar 20	EVENTLINE will be removed from STN
NEWS 29	Mar 24	PATDPAFULL now available on STN
NEWS 30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 31	Mar 24	Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS 32	Apr 11	Display formats in DGENE enhanced
NEWS 33	Apr 14	MEDLINE Reload
NEWS 34	Apr 17	Polymer searching in REGISTRY enhanced
NEWS EXPRESS	April 4	CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED <u>01 APRIL 2003</u>
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SINCE FILE	TOTAL
ENTRY	SESSION
0.63	0.63

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=> S INJECT\* AND DISC AND GROWTH FACTOR  
L1 0 INJECT\* AND DISC AND GROWTH FACTOR

=> S GROWTH FACTOR AND DISK  
L2 161 GROWTH FACTOR AND DISK

=> DUP REM L2  
PROCESSING COMPLETED FOR L2  
L3 121 DUP REM L2 (40 DUPLICATES REMOVED)

=> D 1

L3 ANSWER 1 OF 121 MEDLINE  
AN 2003104069 MEDLINE  
DN 22503750 PubMed ID: 12616155  
TI The potential and limitations of a cell-seeded collagen/hyaluronan scaffold to engineer an intervertebral disc-like matrix.  
AU Alini Mauro; Li Wei; Markovic Paul; Aebi Max; Spiro Robert C; Roughley Peter J  
CS Orthopaedic Research Laboratory, Royal Victoria Hospital, McGill University, Montreal, Canada.  
NC AR44153 (NIAMS)  
SO SPINE, (2003 Mar 1) 28 (5) 446-54; discussion 453.  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200303  
ED Entered STN: 20030306  
Last Updated on STN: 20030325  
Entered Medline: 20030324

=> S intervertebral disc AND GROWTH FACTOR?

L4 74 INTERVERTEBRAL DISC AND GROWTH FACTOR?

=> DUP REM L4

PROCESSING COMPLETED FOR L4

L5 53 DUP REM L4 (21 DUPLICATES REMOVED)

=> S L5 AND TRANSFORMING

L6 21 L5 AND TRANSFORMING

=> D 1

L6 ANSWER 1 OF 21 MEDLINE  
AN 2003104069 MEDLINE  
DN 22503750 PubMed ID: 12616155  
TI The potential and limitations of a cell-seeded collagen/hyaluronan scaffold to engineer an **intervertebral disc**-like matrix.  
AU Alini Mauro; Li Wei; Markovic Paul; Aebi Max; Spiro Robert C; Roughley Peter J  
CS Orthopaedic Research Laboratory, Royal Victoria Hospital, McGill University, Montreal, Canada.  
NC AR44153 (NIAMS)  
SO SPINE, (2003 Mar 1) 28 (5) 446-54; discussion 453.  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200303  
ED Entered STN: 20030306  
Last Updated on STN: 20030325  
Entered Medline: 20030324

=> D 2

L6 ANSWER 2 OF 21 MEDLINE  
AN 2003038189 MEDLINE  
DN 22433627 PubMed ID: 12546390  
TI Age-related changes in expression of **transforming growth factor**-beta and receptors in cells of intervertebral discs.  
AU Matsunaga Shunji; Nagano Satoshi; Onishi Toshiyuki; Morimoto Norio; Suzuki Shusaku; Komiya Setsuro  
CS Department of Orthopaedic Surgery, Faculty of Medicine, Kagoshima University, Kagoshima, Japan.. shunji@m.kufm.kagoshima-u.ac.jp  
SO JOURNAL OF NEUROSURGERY, (2003 Jan) 98 (1 Suppl) 63-7.  
Journal code: 0253357. ISSN: 0022-3085.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200302  
ED Entered STN: 20030128  
Last Updated on STN: 20030214  
Entered Medline: 20030213

=> D 3

L6 ANSWER 3 OF 21 MEDLINE  
AN 2002680637 IN-PROCESS  
DN 22328676 PubMed ID: 12440928  
TI Expression of type II procollagens during development of the human **intervertebral disc**.

AU McAlinden A; Zhu Y; Sandell L J  
 CS Department of Orthopaedic Surgery, Washington University at Barnes-Jewish  
 Hospital, Mail Stop 90-34-674, 216 South Kingshighway, St. Louis, MO  
 63110, U.S.A.  
 SO BIOCHEMICAL SOCIETY TRANSACTIONS, (2001 Dec) 30 (6) 831-8.  
 Journal code: 7506897. ISSN: 0300-5127.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS IN-PROCESS; NONINDEXED; Priority Journals  
 ED Entered STN: 20021121  
 Last Updated on STN: 20021213

=> D 4

L6 ANSWER 4 OF 21 MEDLINE  
 AN 2002219371 MEDLINE  
 DN 21952735 PubMed ID: 11956921  
 TI Cytokines and **growth factors** in the protruded  
**intervertebral disc** of the lumbar spine.  
 AU Specchia Nicola; Pagnotta Alessia; Toesca Amelia; Greco Francesco  
 CS Department of Orthopaedics, University of Ancona, Largo Cappelli 1, 60100,  
 Italy.. specchia@popcsi.unian.it  
 SO EUROPEAN SPINE JOURNAL, (2002 Apr) 11 (2) 145-51.  
 Journal code: 9301980. ISSN: 0940-6719.  
 CY Germany: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200206  
 ED Entered STN: 20020417  
 Last Updated on STN: 20030105  
 Entered Medline: 20020606

=> D 5

L6 ANSWER 5 OF 21 MEDLINE  
 AN 2002206573 MEDLINE  
 DN 21937849 PubMed ID: 11940377  
 TI Adenovirus-mediated TGF-beta(1) gene transfer to human degenerative lumbar  
**intervertebral disc** cells.  
 AU Zhao Jian; Jia Lianshun; Chen Deyu; Xiao Jian; Pan Xin; Jing Xin  
 CS Department of Orthopaedics, Changzheng Hospital, Second Military Medical  
 University, Shanghai 200003, China... drzhaojian@163.com  
 SO CHINESE MEDICAL JOURNAL, (2002 Mar) 115 (3) 409-12.  
 Journal code: 7513795. ISSN: 0366-6999.  
 CY China  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200205  
 ED Entered STN: 20020410  
 Last Updated on STN: 20020502  
 Entered Medline: 20020501

=> D 6

L6 ANSWER 6 OF 21 MEDLINE  
 AN 2002171854 MEDLINE  
 DN 21900755 PubMed ID: 11904071  
 TI Construction of recombinant adenoviral vector Ad-CMV-hTGFbeta1 for

reversion of **intervertebral disc** degeneration by gene transfer.

AU Tan Jiangwei; Hu Yougu; Zheng Hongjun; Li Shuzhong  
CS Institute of Traumatology and Orthopedics of Shandong Province, Affiliated  
Hospi tal of Qingdao Medical College, Qingdao University, Qingdao 266003,  
China.. gkyj@gdumh.qd.sd.cn  
SO Chin J Traumatol, (2002 Apr) 5 (2) 97-102.  
Journal code: 100886162. ISSN: 1008-1275.  
CY China  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200205  
ED Entered STN: 20020321  
Last Updated on STN: 20020515  
Entered Medline: 20020514

=> D 7

L6 ANSWER 7 OF 21 MEDLINE  
AN 2001572258 MEDLINE  
DN 21537325 PubMed ID: 11679815  
TI New use of a three-dimensional pellet culture system for human  
**intervertebral disc** cells: initial characterization and  
potential use for tissue engineering.  
AU Yung Lee J; Hall R; Pelinkovic D; Cassinelli E; Usas A; Gilbertson L;  
Huard J; Kang J  
CS Department of Orthopaedic Surgery, Children's Hospital, University of  
Pittsburgh, Pittsburgh, Pennsylvania 15261, USA.  
SO SPINE, (2001 Nov 1) 26 (21) 2316-22.  
Journal code: 7610646. ISSN: 0362-2436.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200201  
ED Entered STN: 20011029  
Last Updated on STN: 20020125  
Entered Medline: 20020108

=> D 8

L6 ANSWER 8 OF 21 MEDLINE  
AN 2001397322 MEDLINE  
DN 21341680 PubMed ID: 11448107  
TI Regulation of gelatinase-A (MMP-2) production by ovine  
**intervertebral disc** nucleus pulposus cells grown in  
alginate bead culture by **Transforming Growth**  
**Factor-beta(1)** and insulin like **growth factor**  
-I.  
AU Pattison S T; Melrose J; Ghosh P; Taylor T K  
CS Institute of Bone and Joint Research, The Royal North Shore Hospital, St  
Leonards, NSW, Australia.  
SO CELL BIOLOGY INTERNATIONAL, (2001) 25 (7) 679-89.  
Journal code: 9307129. ISSN: 1065-6995.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200110  
ED Entered STN: 20011008  
Last Updated on STN: 20011008

Entered Medline: 20011004

=> D 9

L6 ANSWER 9 OF 21 MEDLINE  
AN 2001249758 MEDLINE  
DN 21243776 PubMed ID: 11345640  
TI **Transforming growth factor** beta receptor  
induction in herniated **intervertebral disc** tissue: an  
immunohistochemical study.  
AU Tolonen J; Gronblad M; Virri J; Seitsalo S; Rytomaa T; Karaharju E  
CS Research Laboratory, Spine Research Unit, Department of Orthopaedics and  
Traumatology, Helsinki University Central Hospital, Helsinki, Finland.  
SO EUROPEAN SPINE JOURNAL, (2001 Apr) 10 (2) 172-6.  
Journal code: 9301980. ISSN: 0940-6719.  
CY Germany: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200109  
ED Entered STN: 20010917  
Last Updated on STN: 20010917  
Entered Medline: 20010913

=> D 10

L6 ANSWER 10 OF 21 MEDLINE  
AN 2001048137 MEDLINE  
DN 20491269 PubMed ID: 11034640  
TI Human **intervertebral disc** cells are genetically  
modifiable by adenovirus-mediated gene transfer: implications for the  
clinical management of **intervertebral disc** disorders.  
AU Moon S H; Gilbertson L G; Nishida K; Knaub M; Muzzonigro T; Robbins P D;  
Evans C H; Kang J D  
CS Musculoskeletal Research Center, Department of Orthopaedic Surgery,  
University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania  
15213, USA.  
SO SPINE, (2000 Oct 15) 25 (20) 2573-9.  
Journal code: 7610646. ISSN: 0362-2436.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001214

=> D 11

L6 ANSWER 11 OF 21 MEDLINE  
AN 2000488826 MEDLINE  
DN 20492919 PubMed ID: 11039775  
TI Potential applications of gene therapy to the treatment of  
**intervertebral disc** disorders.  
AU Nishida K; Gilbertson L G; Robbins P D; Evans C H; Kang J D  
CS Musculoskeletal Research Center, Department of Orthopaedic Surgery,  
University of Pittsburgh, PA 15213, USA.  
SO CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, (2000 Oct) (379 Suppl)  
S234-41. Ref: 27  
Journal code: 0075674. ISSN: 0009-921X.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, ACADEMIC)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200011  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001103

=> D 12

L6 ANSWER 12 OF 21 MEDLINE  
AN 2000155555 MEDLINE  
DN 20155555 PubMed ID: 10693888  
TI Association of **transforming growth factor**  
betal genotype with spinal osteophytosis in Japanese women.  
AU Yamada Y; Okuizumi H; Miyauchi A; Takagi Y; Ikeda K; Harada A  
CS Department of Geriatric Research, National Institute for Longevity  
Sciences, Morioka, Obu, Japan.  
SO ARTHRITIS AND RHEUMATISM, (2000 Feb) 43 (2) 452-60.  
Journal code: 0370605. ISSN: 0004-3591.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200003  
ED Entered STN: 20000320  
Last Updated on STN: 20000320  
Entered Medline: 20000309

=> D 13

L6 ANSWER 13 OF 21 MEDLINE  
AN 2000091748 MEDLINE  
DN 20091748 PubMed ID: 10626303  
TI Modulation of the biologic activity of the rabbit **intervertebral disc** by gene therapy: an in vivo study of adenovirus-mediated transfer of the human **transforming growth factor** beta 1 encoding gene.  
AU Nishida K; Kang J D; Gilbertson L G; Moon S H; Suh J K; Vogt M T; Robbins P D; Evans C H  
CS Department of Orthopaedic Surgery, University of Pittsburgh, Pennsylvania, USA.  
SO SPINE, (1999 Dec 1) 24 (23) 2419-25.  
Journal code: 7610646. ISSN: 0362-2436.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200002  
ED Entered STN: 20000229  
Last Updated on STN: 20000229  
Entered Medline: 20000215

=> D 14

L6 ANSWER 14 OF 21 MEDLINE  
AN 1999352581 MEDLINE  
DN 99352581 PubMed ID: 10423782

TI Immunolocalization of bone morphogenetic protein and its receptors in  
 degeneration of **intervertebral disc**.  
 AU Takae R; Matsunaga S; Origuchi N; Yamamoto T; Morimoto N; Suzuki S; Sakou  
 T  
 CS Department of Physical Therapy, School of Allied Medical Sciences.  
 SO SPINE, (1999 Jul 15) 24 (14) 1397-401.  
 Journal code: 7610646. ISSN: 0362-2436.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199909  
 ED Entered STN: 19991005  
 Last Updated on STN: 20020420  
 Entered Medline: 19990921

=> D 15

L6 ANSWER 15 OF 21 MEDLINE  
 AN 97428270 MEDLINE  
 DN 97428270 PubMed ID: 9281347  
 TI Human **intervertebral disc** cells from the annulus:  
 three-dimensional culture in agarose or alginate and responsiveness to  
 TGF-beta1.  
 AU Gruber H E; Fisher E C Jr; Desai B; Stasky A A; Hoelscher G; Hanley E N Jr  
 CS Department of Orthopaedic Surgery, Carolinas Medical Center, Charlotte,  
 North Carolina 28232, USA.. hgruber@carolinas.org  
 SO EXPERIMENTAL CELL RESEARCH, (1997 Aug 25) 235 (1) 13-21.  
 Journal code: 0373226. ISSN: 0014-4827.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19971013  
 Last Updated on STN: 19971013  
 Entered Medline: 19970930

=> D 16

L6 ANSWER 16 OF 21 MEDLINE  
 AN 95328004 MEDLINE  
 DN 95328004 PubMed ID: 7604329  
 TI Herniated **intervertebral disc**-associated periradicular  
 fibrosis and vascular abnormalities occur without inflammatory cell  
 infiltration.  
 AU Cooper R G; Freemont A J; Hoyland J A; Jenkins J P; West C G; Illingworth  
 K J; Jayson M I  
 CS Department of Rheumatology, University of Manchester, United Kingdom.  
 SO SPINE, (1995 Mar 1) 20 (5) 591-8.  
 Journal code: 7610646. ISSN: 0362-2436.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199508  
 ED Entered STN: 19950822  
 Last Updated on STN: 19950822  
 Entered Medline: 19950804

=> D 17



L6 ANSWER 17 OF 21 MEDLINE  
 AN 91227960 MEDLINE  
 DN 91227960 PubMed ID: 2028297  
 TI Stimulation of mature canine **intervertebral disc** by **growth factors**.  
 AU Thompson J P; Oegema T R Jr; Bradford D S  
 CS Department of Orthopaedic Surgery, University of Minnesota, Minneapolis.  
 NC AR32145 (NIAMS)  
 AR39255 (NIAMS)  
 SO SPINE, (1991 Mar) 16 (3) 253-60.  
 Journal code: 7610646. ISSN: 0362-2436.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199106  
 ED Entered STN: 19910630  
 Last Updated on STN: 19910630  
 Entered Medline: 19910613

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.28	9.91

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.24	10.15

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=> S INTERVERTEBRAL DISC AND GROWTH FACTOR?

L7 74 INTERVERTEBRAL DISC AND GROWTH FACTOR?

=> DUP REM L7

PROCESSING COMPLETED FOR L7

L8 53 DUP REM L7 (21 DUPLICATES REMOVED)

=> S L8 AND TRANSFORMING

L9 21 L8 AND TRANSFORMING

=> D 18

L9 ANSWER 18 OF 21 LIFESCI COPYRIGHT 2003 CSA  
 AN 2001:71636 LIFESCI  
 TI Age-dependent expression of **transforming growth**

**factor** beta 1 (TGF- beta 1) and its receptors, and age-related stimulatory effect of TGF- beta 1 on proteoglycan synthesis in rat intervertebral discs

AU Okuda, S.; Nakase, T.; Yonenobu, K.; Ariga, K.; Meng, W.; Ochi, T.; Yoshikawa, H.  
CS Department of Orthopaedic Surgery (E3), Osaka University Medical School, 2-2 Yamadaoka, Suita, Osaka, 565-0871, Japan; E-mail: okuda@ort.med.osaka-u.ac.jp  
SO Journal of Musculoskeletal Research [J. Musculoskeletal Res.], (20000900) vol. 4, no. 3, pp. 151-159.  
ISSN: 0218-9577.  
DT Journal  
FS T  
LA English  
SL English

=> D 19

L9 ANSWER 19 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2003:110387 BIOSIS  
DN PREV200300110387  
TI Expression of type II procollagens during development of the human **intervertebral disc**.  
AU McAlinden, A.; Zhu, Y.; Sandell, L. J. (1)  
CS (1) Department of Orthopaedic Surgery, Washington University at Barnes-Jewish Hospital, 216 South Kingshighway, Mail Stop 90-34-674, Saint Louis, MO, 63110, USA: sandell1@msnotes.wustl.edu USA  
SO Biochemical Society Transactions, (November 2002, 2002) Vol. 30, No. 6, pp. 831-838. print.  
ISSN: 0300-5127.  
DT Article  
LA English

=> D 20

L9 ANSWER 20 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:607934 BIOSIS  
DN PREV200200607934  
TI Collagen gene expression in **intervertebral disc** development.  
AU Sandell, Linda J. (1); Zhu, Yong (1); McAlinden, Audrey (1)  
CS (1) Department of Orthopaedic Surgery, Washington University School of Medicine at Barnes-Jewish Hospital, 216 South Kingshighway, Saint Louis, MO, 63110 USA  
SO Biochemical Society Transactions, (2002) Vol. 30, No. 5, pp. A111. print.  
Meeting Info.: Biochemical Society 677th Meeting Wales, Cardiff, UK December 07-10, 2002  
ISSN: 0300-5127.  
DT Conference  
LA English

=> D 21

L9 ANSWER 21 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:317930 BIOSIS  
DN PREV200200317930  
TI mRNA expression of cytokines and chemokines in herniated lumbar intervertebral discs.  
AU Ahn, Sang-Ho; Cho, Yoon-Woo; Ahn, Myun-Whan; Jang, Sung-Ho; Sohn, Yoon-Kyung; Kim, Hee-Sun (1)  
CS (1) Department of Microbiology College of Medicine, Yeungnam University,

317-1 Daemyung-Dong Nam-Gu, Daegu, 705-717 South Korea  
SO Spine, (May 1, 2002) Vol. 27, No. 9, pp. 911-917.  
http://www.spinejournal.com/. print.  
ISSN: 0362-2436.  
DT Article  
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

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SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

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20.65

SESSION WILL BE HELD FOR 60 MINUTES

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NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
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NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in <u>April 2003</u>
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Mar 24	Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS	32	Apr 11	Display formats in DGENE enhanced
NEWS	33	Apr 14	MEDLINE Reload
NEWS EXPRESS			April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED <u>01 APRIL 2003</u>
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
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=> S ((BONE MORPHOGENIC PROTEIN 1) OR (bmp1)) AND DISC  
L1 0 ((BONE MORPHOGENIC PROTEIN 1) OR (BMP1)) AND DISC

=> S BMP1  
L2 94 BMP1

=> DUP REM L2  
PROCESSING COMPLETED FOR L2  
L3 48 DUP REM L2 (46 DUPLICATES REMOVED)

=> S L3 AND DISC  
L4 0 L3 AND DISC

=> S L3 AND SPIN\*  
L5 0 L3 AND SPIN\*

=> S L3 AND ARTHRODESIS  
L6 0 L3 AND ARTHRODESIS

=> S L3 AND SPINE  
L7 0 L3 AND SPINE

=> S L3 AND SPINAL  
L8 1 L3 AND SPINAL

=> D 1

L8 ANSWER 1 OF 1 MEDLINE  
AN 2002703233 IN-PROCESS  
DN 22352451 PubMed ID: 12464431  
TI Xolloid-related: a novel **BMP1**/Tolloid-related metalloprotease is expressed during early Xenopus development.  
AU Dale Leslie; Evans Wayne; Goodman Shelley A  
CS Department of Anatomy and Developmental Biology, University College London, Gower Street, WC1E 6BT, London, UK.  
SO MECHANISMS OF DEVELOPMENT, (2002 Dec) 119 (2) 177-90.

Journal code: 9101218. ISSN: 0925-4773.

CY Ireland  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20021217  
Last Updated on STN: 20021217

=> S L3 AND BACK  
L9 0 L3 AND BACK

=> S L3 AND HERNIAT\*  
L10 0 L3 AND HERNIAT\*

=> S BMP  
L11 7224 BMP

=> S L11 AND BONE MORPHOGENIC  
L12 438 L11 AND BONE MORPHOGENIC

=> DUP REM L12  
PROCESSING COMPLETED FOR L12  
L13 362 DUP REM L12 (76 DUPLICATES REMOVED)

=> S L13 AND DISC  
L14 6 L13 AND DISC

=> D 1

L14 ANSWER 1 OF 6 MEDLINE  
AN 2002714184 IN-PROCESS  
DN 22296562 PubMed ID: 12408742  
TI **BMP 2--Genetics Institute/ Medtronic-Sofamor Danek/Integra. Bone morphogenetic protein 2--Genetics Institute/ Medtronic-Sofamor Danek/Integra, INFUSE Bone Graft, recombinant human bone morphogenetic protein 2--Genetics Institute/Medtronic-Sofamor Danek/Integra, RhBMP 2--Genetics Institute/Medtronic-Sofamor Danek/Integra.**  
AU Anonymous  
SO BioDrugs, (2002) 16 (5) 376-7.  
Journal code: 9705305. ISSN: 1173-8804.  
CY New Zealand  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20021217  
Last Updated on STN: 20021217

=> D 2

L14 ANSWER 2 OF 6 MEDLINE  
AN 2001010413 MEDLINE  
DN 20440771 PubMed ID: 10982651  
TI Experimental anterior spine fusion using bovine bone morphogenetic protein: a study in rabbits.  
AU Muschik M; Schlenzka D; Ritsila V; Tennstedt C; Lewandrowski K U  
CS Orthopaedic Clinic of the Charite Hospital, Humboldt University, Berlin, Germany.  
NC AR 45062 (NIAMS)  
SO JOURNAL OF ORTHOPAEDIC SCIENCE, (2000) 5 (2) 165-70.  
Journal code: 9604934. ISSN: 0949-2658.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals  
EM 200010  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001020

=> D 3

L14 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:562799 BIOSIS  
DN PREV200200562799  
TI Confocal laser microscopy of chondrocytes that received gene transfer using in vitro electroporation.  
AU Tsuru, Michiyo; Nagata, Kensei (1); Ueno, Takato; Jimi, Atsuo; Noda, Shinshi; Iida, Shizuka; Sata, Michio  
CS (1) Department of Orthopaedic Surgery, Kurume University School of Medicine, 67 Asahi-machi, Kurume, 830-0011: michiyo@med.kurume-u.ac.jp Japan  
SO Kurume Medical Journal, (2002) Vol. 49, No. 1-2, pp. 1-5. print.  
ISSN: 0023-5679.  
DT Article  
LA English

=> D 4

L14 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:446957 BIOSIS  
DN PREV200200446957  
TI Biological disk replacement, **bone morphogenic** protein (BMP) carriers, and anti-adhesion materials.  
AU Shamie, Nicholas (1)  
CS (1) San Francisco, CA USA  
ASSIGNEE: St. Francis Medical Technologies, Inc.  
PI US 6416776 July 09, 2002  
SO Official Gazette of the United States Patent and Trademark Office Patents, (July 9, 2002) Vol. 1260, No. 2, pp. No Pagination.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file..  
ISSN: 0098-1133.  
DT Patent  
LA English

=> D 5

L14 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 1999:394653 BIOSIS  
DN PREV199900394653  
TI Immunolocalization of bone morphogenetic protein and its receptors in degeneration of intervertebral **disc**.  
AU Takae, Reiko; Matsunaga, Shunji (1); Origuchi, Nobuo; Yamamoto, Takuya; Morimoto, Norio; Suzuki, Shusaku; Sakou, Takashi  
CS (1) Department of Orthopaedic Surgery, Faculty of Medicine, Kagoshima University, 8-35-1 Sakuragaoka, Kagoshima, 890-8520 Japan  
SO Spine, (July 15, 1999) Vol. 24, No. 14, pp. 1397-1401.  
ISSN: 0362-2436.  
DT Article  
LA English  
SL English

=> D 6

L14 ANSWER 6 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 1995:190498 BIOSIS  
 DN PREV199598204798  
 TI Elucidating BMP signaling by genetic approaches in Drosophila.  
 AU Penton, Andrea; Chen, Yijing; Staehling-Hampton, Karen; Morimura, Shigeru;  
 Rohwer-Nutter, Patricia; Jackson, P. David; Hoffmann, F. Michael  
 CS McArdle Lab. Cancer Research, Madison, WI 53706 USA  
 SO Journal of Cellular Biochemistry Supplement, (1995) Vol. 0, No. 19A, pp.  
 341.  
 Meeting Info.: Keystone Symposium on Genetic Networks Santa Fe, New  
 Mexico, USA January 20-26, 1995  
 ISSN: 0733-1959.  
 DT Conference  
 LA English

=> FIL STNGUIDE		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	14.24	14.45

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	ENTRY	SESSION
FULL ESTIMATED COST	0.60	15.05

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=> S OSTEOGENIC PROTEIN 1  
 L15 526 OSTEOGENIC PROTEIN 1

=> DUP REM L15  
 PROCESSING COMPLETED FOR L15  
 L16 316 DUP REM L15 (210 DUPLICATES REMOVED)

=> S L16 AND SPINAL  
 L17 18 L16 AND SPINAL

=> S L17  
 L18 18 L17

=> D 1

L18 ANSWER 1 OF 18 MEDLINE  
 AN 2002700108 MEDLINE  
 DN 22350489 PubMed ID: 12461396  
 TI Successful transpedicular lumbar interbody fusion by means of a composite  
 of osteogenic protein-1 (rhBMP-7) and



hydroxyapatite carrier: a comparison with autograft and hydroxyapatite in the sheep spine.

AU Blatter Thomas R; Delling Gunter; Dalal Paresh S; Toth Carol A; Balling Horst; Weckbach Arnulf  
CS Trauma and Reconstructive Surgery, Wurzburg University Hospital, Germany.. blattert@chirurgie.uni-wuerzburg.de  
SO SPINE, (2002 Dec 1) 27 (23) 2697-705.  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT (EVALUATION STUDIES)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200301  
ED Entered STN: 20021217  
Last Updated on STN: 20030116  
Entered Medline: 20030115

=> D 2

L18 ANSWER 2 OF 18 MEDLINE  
AN 2002700104 MEDLINE  
DN 22350484 PubMed ID: 12461391  
TI Randomized radiostereometric study comparing **osteogenic protein-1** (BMP-7) and autograft bone in human noninstrumented posterolateral lumbar fusion: 2002 Volvo Award in clinical studies.  
AU Johnsson Ragnar; Stromqvist Bjorn; Aspenberg Per  
CS Department of Orthopedics, Lund University Hospital, Lund, Sweden.. ragnarjohnsson@spray.se  
SO SPINE, (2002 Dec 1) 27 (23) 2654-61.  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT (CLINICAL TRIAL)  
Journal; Article; (JOURNAL ARTICLE)  
(RANDOMIZED CONTROLLED TRIAL)  
LA English  
FS Priority Journals  
EM 200301  
ED Entered STN: 20021217  
Last Updated on STN: 20030116  
Entered Medline: 20030115

=> D 3

L18 ANSWER 3 OF 18 MEDLINE  
AN 2002476262 MEDLINE  
DN 22195149 PubMed ID: 12205422  
TI Recombinant human **osteogenic protein-1** (bone morphogenetic protein-7) as an osteoinductive agent in **spinal** fusion.  
AU Vaccaro Alexander R; Anderson D Greg; Toth Carol A  
CS Department of Orthopaedic Surgery, Thomas Jefferson University, Philadelphia, Pennsylvania, USA.  
SO SPINE, (2002 Aug 15) 27 (16 Suppl 1) S59-65. Ref: 26  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals

EM 200211  
ED Entered STN: 20020920  
Last Updated on STN: 20021213  
Entered Medline: 20021121

=> D 3

L18 ANSWER 3 OF 18 MEDLINE  
AN 2002476262 MEDLINE  
DN 22195149 PubMed ID: 12205422  
TI Recombinant human **osteogenic protein-1** (bone morphogenetic protein-7) as an osteoinductive agent in **spinal** fusion.  
AU Vaccaro Alexander R; Anderson D Greg; Toth Carol A  
CS Department of Orthopaedic Surgery, Thomas Jefferson University, Philadelphia, Pennsylvania, USA.  
SO SPINE, (2002 Aug 15) 27 (16 Suppl 1) S59-65. Ref: 26  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200211  
ED Entered STN: 20020920  
Last Updated on STN: 20021213.  
Entered Medline: 20021121

=> D 4

L18 ANSWER 4 OF 18 MEDLINE  
AN 2002448682 MEDLINE  
DN 22195146 PubMed ID: 12205419  
TI Safety profile for the clinical use of bone morphogenetic proteins in the spine.  
AU Poynton Ashley R; Lane Joseph M  
CS Department of Metabolic Bone Diseases, Hospital for Special Surgery, New York, New York 10021, USA.  
SO SPINE, (2002 Aug 15) 27 (16 Suppl 1) S40-8. Ref: 59  
Journal code: 7610646. ISSN: 1528-1159.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200211  
ED Entered STN: 20020904  
Last Updated on STN: 20021212  
Entered Medline: 20021121

=> D 5

L18 ANSWER 5 OF 18 MEDLINE  
AN 2001427698 MEDLINE  
DN 21368253 PubMed ID: 11474350  
TI **Osteogenic protein-1** overcomes the inhibitory effect of nicotine on posterolateral lumbar fusion.  
AU Patel T C; Erulkar J S; Grauer J N; Troiano N W; Panjabi M M; Friedlaender G E

CS Department of Orthopaedics and Rehabilitation, Yale University School of  
Medicine, New Haven, Connecticut 06520-8071, USA.  
SO SPINE, (2001 Aug 1) 26 (15) 1656-61.  
Journal code: 7610646. ISSN: 0362-2436.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200109  
ED Entered STN: 20010917  
Last Updated on STN: 20010917  
Entered Medline: 20010913

=> D 6

L18 ANSWER 6 OF 18 MEDLINE  
AN 2000164903 MEDLINE  
DN 20164903 PubMed ID: 10699444  
TI CNS plasticity and assessment of forelimb sensorimotor outcome in  
unilateral rat models of stroke, cortical ablation, parkinsonism and  
**spinal** cord injury.  
AU Schallert T; Fleming S M; Leasure J L; Tillerson J L; Bland S T  
CS Department of Psychology and Institute for Neuroscience, University of  
Texas at Austin, Mezes 330, Austin, TX 78712, USA..  
tschallert@mail.utexas.edu  
NC AA07471 (NIAAA)  
NS23979 (NINDS)  
SO NEUROPHARMACOLOGY, (2000 Mar 3) 39 (5) 777-87.  
Journal code: 0236217. ISSN: 0028-3908.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200004  
ED Entered STN: 20000421  
Last Updated on STN: 20000421  
Entered Medline: 20000412

=> D 7

L18 ANSWER 7 OF 18 MEDLINE  
AN 1999345202 MEDLINE  
DN 99345202 PubMed ID: 10418861  
TI Preclinical and clinical evaluation of **osteogenic**  
**protein-1** (BMP-7) in bony sites.  
CM Comment in: Orthopedics. 1999 Jul;22(7):659-60  
AU Cook S D  
CS Department of Orthopedic Surgery, Tulane University School of Medicine,  
New Orleans, LA 70112-2699, USA.  
SO ORTHOPEDICS, (1999 Jul) 22 (7) 669-71. Ref: 10  
Journal code: 7806107. ISSN: 0147-7447.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199909  
ED Entered STN: 19991005  
Last Updated on STN: 19991005  
Entered Medline: 19990921

=> D 8

L18 ANSWER 8 OF 18 MEDLINE  
AN 1999268599 MEDLINE  
DN 99268599 PubMed ID: 10338277  
TI Effects of **osteogenic protein-1** (OP-1)  
treatment on fetal **spinal** cord transplants to the anterior  
chamber of the eye.  
AU Granholm A C; Sanders L A; Ickes B; Albeck D; Hoffer B J; Young D A;  
Kaplan P L  
CS Department of Basic Science, University of Colorado Health Sciences  
Center, Denver 80262, USA.. granholm@uchsc.edu  
NC AG04418 (NIA)  
AG12122 (NIA)  
AG15239 (NIA)  
+  
SO CELL TRANSPLANTATION, (1999 Jan-Feb) 8 (1) 75-85.  
Journal code: 9208854. ISSN: 0963-6897.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199907  
ED Entered STN: 19990727  
Last Updated on STN: 19990727  
Entered Medline: 19990715

=> D 9

L18 ANSWER 9 OF 18 MEDLINE  
AN 1999247515 MEDLINE  
DN 99247515 PubMed ID: 10232555  
TI The safety of OP-1 for lumbar fusion with decompression-- a canine study.  
AU Paramore C G; Laurysen C; Rauzzino M J; Wadlington V R; Palmer C A; Brix  
A; Cartner S C; Hadley M N  
CS Department of Surgery, The University of Alabama at Birmingham, USA.  
SO NEUROSURGERY, (1999 May) 44 (5) 1151-5; discussion 1155-6.  
Journal code: 7802914. ISSN: 0148-396X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199906  
ED Entered STN: 19990712  
Last Updated on STN: 19990712  
Entered Medline: 19990624

=> D 10

L18 ANSWER 10 OF 18 MEDLINE  
AN 1999202040 MEDLINE  
DN 99202040 PubMed ID: 10101812  
TI Osteogenic protein versus autologous interbody arthrodesis in the sheep  
thoracic spine. A comparative endoscopic study using the Bagby and Kuslich  
interbody fusion device.  
AU Cunningham B W; Kanayama M; Parker L M; Weis J C; Seftor J C; Fedder I L;  
McAfee P C  
CS Union Memorial Hospital Orthopaedic Biomechanics Laboratory, Baltimore,  
Maryland, USA.. bcspine@aol.com  
SO SPINE, (1999 Mar 15) 24 (6) 509-18.  
Journal code: 7610646. ISSN: 0362-2436.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199907  
ED Entered STN: 19990727  
Last Updated on STN: 20000303  
Entered Medline: 19990715

=> D 11

L18 ANSWER 11 OF 18 MEDLINE  
AN 1999097107 MEDLINE  
DN 99097107 PubMed ID: 9880400  
TI **Osteogenic protein-1** protects against  
cerebral infarction induced by MCA ligation in adult rats.  
AU Lin S Z; Hoffer B J; Kaplan P; Wang Y  
CS Department of Pharmacology and Neurosurgery, National Defense Medical  
Center, Taipei, Taiwan.  
NC AG-04418 (NIA)  
SO STROKE, (1999 Jan) 30 (1) 126-33.  
Journal code: 0235266. ISSN: 0039-2499.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199902  
ED Entered STN: 19990223  
Last Updated on STN: 20000303  
Entered Medline: 19990208

=> D 12

L18 ANSWER 12 OF 18 MEDLINE  
AN 1998393028 MEDLINE  
DN 98393028 PubMed ID: 9726427  
TI Potentiating interactions between morphogenetic protein and neurotrophic  
factors in developing neurons.  
AU Bengtsson H; Soderstrom S; Kylberg A; Charette M F; Ebendal T  
CS Department of Neuroscience, Uppsala University, Biomedical Center,  
Sweden.. henrik.bengtsson@mun.uu.se  
SO JOURNAL OF NEUROSCIENCE RESEARCH, (1998 Sep 1) 53 (5) 559-68.  
Journal code: 7600111. ISSN: 0360-4012.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199810  
ED Entered STN: 19990106  
Last Updated on STN: 20020420  
Entered Medline: 19981029

=> D 13

L18 ANSWER 13 OF 18 MEDLINE  
AN 96392359 MEDLINE  
DN 96392359 PubMed ID: 8799147  
TI Induction of nephrogenic mesenchyme by **osteogenic  
protein 1** (bone morphogenetic protein 7).  
AU Vukicevic S; Kopp J B; Luyten F P; Sampath T K  
CS Department of Anatomy, School of Medicine, Zagreb, Croatia.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1996 Aug 20) 93 (17) 9021-6.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199610  
ED Entered STN: 19961219  
Last Updated on STN: 19980206  
Entered Medline: 19961031

=> D 14

L18 ANSWER 14 OF 18 MEDLINE  
AN 96175290 MEDLINE  
DN 96175290 PubMed ID: 8595770  
TI **Osteogenic protein-1**: biology and  
applications.  
AU Cook S D; Rueger D C  
CS Department of Orthopaedic Surgery, Tulane University School of Medicine,  
New Orleans, LA, USA.  
SO CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, (1996 Mar) (324) 29-38. Ref:  
45  
Journal code: 0075674. ISSN: 0009-921X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals; Space Life Sciences  
EM 199604  
ED Entered STN: 19960424  
Last Updated on STN: 19980206  
Entered Medline: 19960416

=> D 15

L18 ANSWER 15 OF 18 MEDLINE  
AN 95064254 MEDLINE  
DN 95064254 PubMed ID: 7973957  
TI In vivo evaluation of recombinant human osteogenic protein (rhOP-1)  
implants as a bone graft substitute for **spinal** fusions.  
AU Cook S D; Dalton J E; Tan E H; Whitecloud T S 3rd; Rueger D C  
CS Department of Orthopaedic Surgery, Tulane School of Medicine, New Orleans,  
Louisiana.  
SO SPINE, (1994 Aug 1) 19 (15) 1655-63.  
Journal code: 7610646. ISSN: 0362-2436.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199412  
ED Entered STN: 19950110  
Last Updated on STN: 19980206  
Entered Medline: 19941207

=> D 16

L18 ANSWER 16 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2001:97169 BIOSIS

DN PREV200100097169  
 TI Specific receptors for bone morphogenetic protein-7/**osteogenic protein-1** in rat and human brain.  
 AU Dattatreyamurty, B. (1); Roux, E. C.; Higgins, D. M.; Kaplan, P. L.  
 CS (1) Creative BioMolecules, Inc., Hopkinton, MA USA  
 SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-412.3. print.  
 Meeting Info.: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000 Society for Neuroscience  
 . ISSN: 0190-5295.  
 DT Conference  
 LA English  
 SL English

=> D 17

L18 ANSWER 17 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 2000:145896 BIOSIS  
 DN PREV2000000145896  
 TI Cerebrospinal fluid (CSF) contains bone morphogenetic protein-7 (BMP-7).  
 AU Dattatreyamurty, B. (1); Roux, E. (1); Kaplan, P. L. (1); Higgins, D.; Lein, P. J.; Chandrasekaran, V.  
 CS (1) Creative Biomolecules, Hopkinton, MA USA  
 SO Society for Neuroscience Abstracts., (1999) Vol. 25, No. 1-2, pp. 1274.  
 Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA October 23-28, 1999 Society for Neuroscience  
 . ISSN: 0190-5295.  
 DT Conference  
 LA English  
 SL English

=> D 18

L18 ANSWER 18 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 1999:81379 BIOSIS  
 DN PREV199900081379  
 TI **Osteogenic protein-1** affects the survival of motor neurons in intraocular **spinal** cord transplants.  
 AU Sanders, L. A. (1); Granholm, A.-C. (1); Hoffer, B. J.; Kaplan, P.  
 CS (1) Dep. Basic Sci., Univ. Colo. Health Sci. Cent., Denver, CO 80262 USA  
 SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1780.  
 Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 2 Los Angeles, California, USA November 7-12, 1998 Society for Neuroscience  
 . ISSN: 0190-5295.  
 DT Conference  
 LA English

=> LOGOFF HOLD

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
31.01	46.06

FULL ESTIMATED COST

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STN INTERNATIONAL SESSION SUSPENDED AT 12:34:29 ON 17 APR 2003

EAST - [default5.wsp.1]

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- L1: (1853) BMP
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- L3: (213086) BMP NEAR1
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	U	1	Document ID	Issue Dat	Pages	Title	Cur
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5956719	19990921	19	Synchronization method applied to databases in network management system	707
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5769895	19980623		Delivery system for biologically active growth or morphogenetic factors and a meth	128
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5675557	19971007		Integrated mixing system for synchronizing video and audio signals	369
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5443531	19950822		Delivery system for biologically active growth or morphogenetic factors and to a m	600
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4789732	19881206		Bone morphogenetic protein composition	530
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4761471	19880802		Bone morphogenetic protein composition	530
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4619989	19861028		Bone morphogenetic protein composition	530

Start [Icons] RealIO [Icons] 09897 [Icons] 09897 [Icons] 09897 [Icons] 09897 [Icons] EAS [Icons] 3:39 PM



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